

# Slack

The Slack publisher allows Continua CI to send notifications to Slack users or channels.

## Slack

**New Notification Publisher**

Publisher

Slack

Options

Required Field

API Token

xoxp-12345678901-12345678901-123456789012-1234a5678901b234

A Slack application user or bot user token. See [Slack token types](#)

Subscription Types

☒ Users and groups

☒ Channels

From Name

Continua CI

This will be displayed as the name of the app sending the message.

Default Channel

#general

Specify the default channel for this publisher e.g. #general, or a member id to direct all messages to a Slack user. This can be overridden when creating a subscription.

Validate

Save

Cancel

Help

### API Token

This can be a user or bot OAuth access token. Create [a Slack App](#), add the "send messages as app name (chat:write:bot)" Permission Scope and then install it to your team workspace. An OAuth access token is automatically generated and can be copied to this field. See [Setting up a Bot OAuth Access Token](#) below for detailed instructions.

### Enabled Subscription Types

Subscriptions can be set up to send notifications to a specific user, a group of users or a Slack channel. Tick the subscription types that are allowed for this publisher.

### From Name

Use this to override the app name displayed as the message sender.

### Default Channel

The default channel for this publisher to send the message to. Enter a channel name, e.g #general, or a member id to direct all messages to a Slack user. This can be overridden when creating a subscription.

## Options

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Publisher

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Required Field

Icon URL

https://i.finalbuilder.com/images/ci-c-3232.png

The url to the image associated with the app sending the message.

Icon Emoji

An emoji code defining the image associated with the app sending the message see [Emoji Cheat Sheet](#) for list. This overrides the Icon Url.

☐ Include attachments

Specify whether messages should include attachments using the attachments message template.

Advanced

Maximum Requests per Second

1

Please read [Slack Rate Limits](#) before changing this value. Default is a maximum of one message per second.

Validate

Save

Cancel

Help

### Icon URL

Enter the URL to an image to display as the message app icon. This defaults to the Continua CI icon [blocked URL](#)

### Icon Emoji

An emoji code defining the image to display as the message app icon.

### Include attachments

Tick this to use the Attachments template format rather than the Text template format when sending the message.

## Setting up a Bot OAuth Access Token

Click on [this link](#) to create a Slack App.

## Create an app

×

Choose how you'd like to configure your app's scopes and settings.

**From scratch**

Use our configuration UI to manually add basic info, scopes, settings, & features to your app.

>

**From an app manifest** BETA

Use a manifest file to add your app's basic info, scopes, settings & features to your app.

>

Need help? Check our [documentation](#), or [see an example](#)

Select "From scratch", give the app a name, select a workspace, then click "Create App".

## Name app & choose workspace


×

**App Name**

Continua CI Publisher

Don't worry - you'll be able to change this later.

**Pick a workspace to develop your app in:**

 VSoft

▼

Keep in mind that you can't change this app's workspace later. If you leave the workspace, you won't be able to manage any apps you've built for it. The workspace will control the app even if you leave the workspace.

[Sign into a different workspace](#)

By creating a Web API Application, you agree to the [Slack API Terms of Service](#).

Cancel

Create App

Under "Add features and functionality", click on "Bots",

## Building Apps for Slack

Create an app that's just for your workspace (or build one that can be used by any workspace) by following the steps below.

### Add features and functionality

Choose and configure the tools you'll need to create your app (or review all our [documentation](#)).

#### Building an internal app locally or behind a firewall?

To receive your app's payloads over a WebSockets connection, enable [Socket Mode](#) for your app.

#### Incoming Webhooks

Post messages from external sources into Slack.

#### Interactive Components

Add components like buttons and select menus to your app's interface, and create an interactive experience for users.

#### Slash Commands

Allow users to perform app actions by typing commands in Slack.

#### Event Subscriptions

Make it easy for your app to respond to activity in Slack.

#### Bots

Allow users to interact with your app through channels and conversations. ✨

#### Permissions

Configure permissions to allow your app to interact with the Slack API.

then click "Review Scopes to Add" to assign permissions to the bot,

## First, assign a scope to your bot token

A [bot token](#) makes it possible for users to interact with your app. A bot token lets users mention it, and add it to channels and conversations. It also allows you to turn on tabs in your app's home.

[Scopes](#) govern an app's capabilities and permissions. You'll need to add at least one to your bot token to show the Home or Message tab in your app home. You can review and add the appropriate scopes under **Scopes** section in [OAuth & Permissions](#).

[Review Scopes to Add](#)

Scroll down to "Scopes", then under "Bot Token Scope", click on the "Add OAuth Scope" button and select the "chat:write" permission.

## Scopes

A Slack app's capabilities and permissions are governed by the [scopes](#) it requests.

### Bot Token Scopes

Scopes that govern what your app can access.

OAuth Scope	Description
You haven't added any OAuth Scopes for your Bot token.	
chat	
chat:write	Send messages as Continua CI Publisher
chat:write.customize	Send messages as Continua CI Publisher with a customized username and avatar
chat:write.public	Send messages to channels Continua CI Publisher isn't a member of
links:write	Show previews of URLs in messages

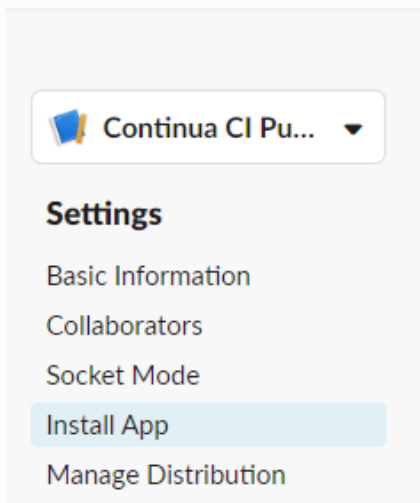
You haven't added any OAuth Scopes for your User token.

Add permission by Scope or API method...

Add an OAuth Scope

Scopes define the [API methods](#) an app is allowed to call, which information and capabilities are available on the workspace it's installed on. Many scopes are restricted to specific [resources](#) like channels or files.

Now the app is set up, click on "Install App" on the left-hand sidebar,



and install the app to your team workspace.

# Install App to Your Team

Install your app to your Slack workspace to test it and generate the tokens you need to interact with the Slack API. You will be asked to authorize this app after clicking an install option.

Install to Workspace

After allowing the App's permissions,



**Continua CI Publisher is requesting permission  
to access the VSoft Slack workspace**

**What will Continua CI Publisher be able to do?**

Perform actions in channels & conversations

Cancel

Allow

you can copy the Bot User OAuth Token to use as the API token for your Slack publisher.

## Installed App Settings

### OAuth Tokens for Your Workspace

Also viewable in [OAuth & Permissions](#)

**Bot User OAuth Token**

xoxb- [REDACTED]

Copy

Access Level: Workspace

Reinstall to Workspace

